

## MEDLOCK PRIMARY SCHOOL In Spring 1 Year 5 will be learning . . .

### English

This half term, we will be reading The Promise and discussing how this text links to Sustainability. We will then use this to help us to write formal persuasive letters to our local Mayor. We will also be reading Varmints - a dystopian fiction narrative, before writing our own dystopian narratives linked to the climate.

### Maths

Through the use of the Primary Advantage Programme children will learn how to solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. They will learn to add and subtract decimal numbers up to 2 decimal places. Children will then move onto multiplication and division. They will be able to identify factors and multiples in numbers and be introduced to prime numbers.

### Humanities (History and Geography)

This half term we will be learning about Sustainability. We will discover what fossil fuels are and why they are harming our environment. We will focus on our local environment in Ardwick and discuss pollution is impacting our health, and what changes we can make to benefit the environment. We will also discover what Manchester City Council is doing to improve our area.

### Design Technology

Linking to our Sustainability topic, we will be learning about how local wildlife is affected by climate change and rising pollution. We will design and create insect hotels to support the habitats of our local wildlife. We will then reflect on the functionality and benefits of our hotels.

### Music

Children will be continuing to learn how to play a variety of music on the Ukulele. We will continue to build onto the skills and knowledge that we have gained, whilst continuing to listen and appreciate and perform simple tunes, with confidence.

### PE

During the term, children will play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending. They will be expected to compare their performances with previous activities and demonstrate improvement to achieve their personal best.

### Trips and Visits

### Modern Foreign Language

In Spanish, children will revisit and recap work completed during the previous half term. They will move onto learning the days of the week, months, additional colours and phrases.

### Science

This half term we will focus on Properties and changing states, in Science. Children will begin to understand why it is important to understand the particle nature of matter. They will, through practical investigations, explore if, when and how products can change states. They will explore if properties of objects can be reversed or if they are irreversible.

### Computing

In computing this term we will look to secure basic skills in word processing. This will include touch typing, inserting images , formatting documents and navigating their way around Google drive safely which will include aspects of e-safety.

## Websites/Media

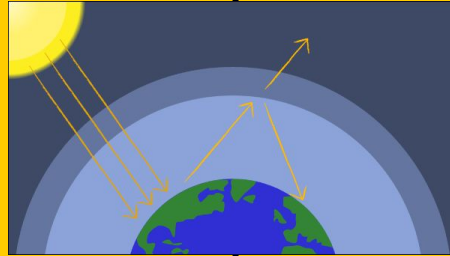
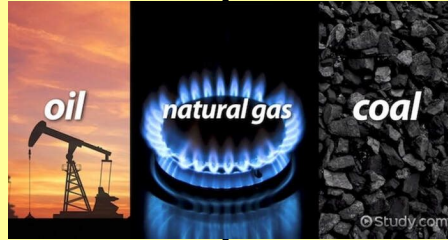
<https://kids.nationalgeographic.com/science/article/climate-change>

<https://climatekids.nasa.gov/>

<https://climatechangeresources.org/youth/just-for-kids/>

<https://www.climatekids.org/>

## Key Information



## Humanities Key Vocabulary

<b>Environment</b>	The surroundings or conditions that people, animals and plants live in.
<b>Natural resources</b>	Anything that is found in nature that can be used by living things is a natural resource.
<b>Greenhouse effect</b>	A process that occurs when gases in Earth's atmosphere trap the Sun's heat.
<b>Carbon emissions</b>	Emissions caused by the burning of fossil fuels.
<b>Renewable energy</b>	Ways to generate energy from (theoretically) unlimited natural resources.
<b>Pollution</b>	the introduction of harmful materials into the environment. These harmful materials are called

## Science Key Vocabulary

<b>soluble</b> <b>insoluble</b>	Whether a solid can dissolve in a liquid or not. Sugar is a <b>soluble</b> substance.
<b>dissolving</b>	Larger molecules break down into smaller molecules. When a substance <b>dissolves</b> , it might look like it has disappeared, but in fact it has just mixed with the water to make a transparent liquid called a solution.
<b>evaporation</b>	<b>Evaporation</b> happens when a liquid turns into a gas. It can be seen when rain puddles "disappear" on a hot day or when wet clothes dry.
<b>reversible</b> <b>non-reversible</b>	If something is <b>reversible</b> , it can be changed back to what it was before. Ice cubes melt and become water.

## Websites/Media

<https://www.educationquizzes.com/ks2/science/properties-of-materials/>

<https://www.bbc.co.uk/bitesize/articles/zc3nm39>

<https://www.sciencekids.co.nz/quizzes.html>

<https://www.sciencefun.org/kidszone/trivia/>

## Key Information

